

## ABSTRACT

A fluoroscopic imaging apparatus is provided. The apparatus includes an x-ray source for projecting x-rays through a subject. The x-ray source has a voltage and a current associated therewith. The apparatus also includes an x-ray detector for detecting radiation  
5 which has passed through the subject and a monitor for displaying an image indicative of the detected radiation. The image defines a field of view. In addition, the fluoroscopic imaging apparatus includes an operator interface for selecting a region of interest within the field of view and enhancement means for enhancing, in response to image data within the region of interest, a subsequent image of the region of interest.

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